

Christian BERTAZZO

Electromechanical Inspector, Expediter & Auditor



Academic and Professional Courses

- Engineering Degree; Civil Class
- UT-MT-PT-RT NDT Lev. II (UNI EN ISO 9712)
- International Certification Welding Inspector CSWIP 3.1
- Lead Auditor UNI EN ISO 9001:2015; 14001:2015; 45001:2018
- PES-PAV Certificate, Electrical Class (Low voltage and high voltage electrical systems CEI 11-27, CEI-EN 50110-1)
- Master in Integrated Quality, Environmental, Energy and Safety Management System
- High School Degree; Energy Systems Technician

Professional Experience

2023 – Current Job

LIBRA TOTAL QUALITY Srl, Via Armando Diaz 36/I, Arconate (MI) - Italy

Position: Auditor, Expediter and Inspector

- Inspection and expediting activity on valve component, piping, fittings, flanges, mechanical tests, actuators, sampling, control panel, valves turbines, pumps and compressors;
- Inspection and expediting activity on filters, forged flanges, pneumatic & electrical actuator, ball/butterfly/globe valves, metallic rupture disks, spill containment, control boards, local panel, earthing and lightning system, cable gland, push button, junction box.
- Inspections of materials and components during all operative steps like incoming, machining, NDT, assembly, tests and shipment, packing.
- Inspection on fuse, fuse holder, cable gland, strain relief, power cord, contactor, terminal block, inverter, circuit breaker, wirings, transformer, switch, PCB, relay, PLC, power supply and enclosure.
- Supplier evaluation in accordance with UNI EN ISO 9001:2015.
- Supervision, inspection and testing of welded structures, forgings, valves, actuators, coatings in accordance with codes and standards such as ISO-EN, ANSI, ASME, API, NACE.
- Review non-compliances issued as a result of previous inspections and document unresolved issues.
- Document compliance and non-compliance found during the inspection and advise clients on proper resolution.
- Audit activities in accordance to main marks: GS, ASTA, WH, ENEC, CIG 023, IN METRO, KC.

2021 – 2023

INTERTEK ITALIA Spa, Via Guido Miglioli, 2/A, Cernusco sul Naviglio, (MI) – Italy

Position: Auditor and Inspector, Electrical Department

- Planning and conducting surveillance inspections in accordance with scheduling requirements.
- Document manufacturer's production and quality processes; review required production tests, including methods, equipment used and calibration of equipment.
- Inspection on ETL Listed products, subassemblies, and components with respect to the Certification Documents.
- Inspection on fuse, fuse holder, cable gland, strain relief, power cord, contactor, terminal block, inverter, circuit breaker, wirings, transformer, switch, PCB, relay, PLC, power supply and enclosure.
- Inspection and verification of components in order to check the correct position in accordance with wiring diagram approved by client.
- Review non-compliances issued as a result of previous inspections and document unresolved issues.
- Document compliance and non-compliance found during the inspection and advise clients on proper resolution.
- Complete and submit Follow-up Service Inspection Report for each client inspected.
- Communicate information between facility representatives and Intertek personnel.

2016 – 2021

AB Oil & Gas Srl, Via F. Nannetti, 10a, 21052 Busto Arsizio (VA) – Italy

Position: Inspector & Expediter, Oil & Gas Department.

- Inspections on behalf of oil and gas companies with the aim to verify the conformity of the products and approve them for the final use.
- Inspection on valve component, piping, fittings, flanges, mechanical tests, actuators, sampling.
- Inspection on filters, forged flanges, pneumatic & electrical actuator, ball/butterfly/globe valves, metallic rupture disks, spill containment, control boards, local panel, earthing and lightning system, cable gland, push button, junction box.
- Inspections of materials and components during all operative steps like incoming, machining, NDT, assembly, tests and shipment, packing.
- Expediting and supplier evaluation activities in accordance with UNI EN ISO 9001:2015.

- Supervision, inspection and testing of welded structures, forgings, valves, actuators, coatings in accordance with codes and standards such as ISO-EN, ANSI, ASME, API, NACE.

2019 – 2020

MAIRE TECNIMONT Spa, Via Gaetano de Castilia, 6A, 20124 Milano (MI) – Italy

Position: Inspector & Expediter, Electrical & Instrumentation department [External Consultant Full Time]

- Participate to Kick of Meeting with Vendors.
- Expediting all the documentation necessary to ensure correct Purchase Order Management.
- Expediting suborder issuance and material/equipment delivery at vendor workshop according to the production plan.
- Issue Inspection Test Plan and Test Procedure applicable.
- Inspection visit on electrical & instrumentation equipment's object of supply.
- Responsible for maintaining quality standards in production, including first article inspections, in-process inspections, and final product release.
- In case of critical issues involve the Project Team to decide the relating corrective actions.
- Cooperate with POM, Post Order Manager verify the schedule for inspection activities.
- Release the materials for Shipping & Logistics operations assuring that all documentation required for export / import formalities is available.
- Perform expediting and inspector visits at vendor workshops whenever required;

2018

CAMERON SCHLUMBERGER Srl, Via Prati della Rosa, 16/24, 23823 Colico (LC) – Italy

Position: Supply Coordinator [External Consultant Full Time]

- Analyse Manufacturing Progress Report highlighting to project team any deviance from original commitment;
- Identifying causes and suggest appropriate actions when suppliers do not meet agreed delivery;
- Expediting suborder issuance and material/equipment delivery at vendor workshop according to the production plan;
- Cooperate with Shipping Department to ensure the timely material shipment;

2015 - 2016

EMERSON PROCESS MANAGEMENT VIRGO VALVES, Magnago (MI) - Italy

Position: Quality Assistant

- Development of certificates as material traceability list, functional test, factory acceptance test, PMI, MT, UT, PT, VT;
- Verification certificates according to standards applicable for each order;
- Preparing final certification dossier;
- Support to HSE manager for development a management system for safety data sheet and measurement tools;
- Managing relationships with suppliers and quality control department;

Main Projects

PROJECT	CONTRACTOR	END USER	TYPE OF EQUIPMENT	TIME
GC-32 NEW GATHERING CENTRE FOR SEK	PETROFAC	K.O.C.	Cabinet Air Compressor	Six Months
BAB INTEGRATED FACILITIES PROJECT (BIFF)	C.P.E.C.C.	ADNOC	Valve Components, Mechanical Tests, Piping, Actuators, Fittings, Sampling, Filters, Forged Flanges	Two Years
AMUR GAS PROCESSING PLANT (AGPP)	TECNIMONT	NIPIGAZ	Control Boards, Local Panel, Earthing and Lightning System	One Year
NFB OFFSHORE ACCOMODATION EXPANSION	ROSETTI MARINO	QATARGAS	Sewage Macerator	Six Months
SOCAR HAOR MODERNIZATION AND RECONSTRUCTION	TECNIMONT	SOCAR HAOR	Cathodic Protection, Cable Gland, Push Button, Junction Box	One Year
DCU PROJECT OMSK REFINERY	TECNIMONT	GAZPROM	Level Gauge, Analyzer, Control Panel,	One Year
CONSTRUCTION OF FLOWLINES GC-29,30 & 31	ARABI ENERTHECH	K.O.C.	Valve Component, Mechanical Tests, Piping, Fittings, Flanges	Six Months
BAYTOWN CHEMICAL EXPANSION	TECNIMONT	EXXON MOBIL	Pneumatic & Electrical Actuator Ball/Butterfly/Globe Valves, Metallic rupture disks, UPS, Batteries, Spill Containment	One Year
RUMAITHA / SHANAYEL RESTORATION	ENIPROM GAS	ADNOC	Fitting, Flange, Pressure Vessels, Control Panel.	Six Months
SAPURA ENERGY SDN BHD/ SSPRP-V	SAPURA	ONGC	Subsea Valves, Control Panel, Filters	One Year
TYRA PROJECT	MCDERMOTT	TOTAL	Actuated Ball Valve	Two years
EPC FOR BAB 485 MBD SUSTAINABLE FACILITIES PROJECT	ARCHIRODON	ADNOC	Dosing Pumps, Valves, Safety Valves, Flanges, Forged Fittings,	One Year
CTE PRESENZANO	AC BOILER	EDISON	Control Valves	One Year
NEW 48" CRUDE TRANSIT LINE FROM NORTH KUWAIT TO CMM	LARSEN & TOUBRO	K.O.C.	Butterfly Valves, Flanges	Six Months

Experiences

- Supervision, inspection and testing of welded structures, forgings, valves, actuators, coatings, control panel, level gauge, analyser, electrical devices.
- Experience with relevant manufacturing processes, codes, and standards such as ISO-EN, ANSI, ASME, API, NACE, CEI 11-27, UL, 2014/35/UE, UL 508A, C22.2 #286. Materials like carbon steel, stainless steel, duplex, stainless, steel, super duplex stainless steel, Inconel, as per applicable ASTM codes.
- Audit activity in accordance to UNI EN ISO 9001:2015, KC(Korean) and WO certification.
- Dimensional examinations against construction drawings and PT, MT, RT, UT examinations against applicable standards and codes.

-Experience with wiring diagrams and main electrical components like fuse, fuse holder, cable gland, strain relief, power cord, contactor, terminal block, inverter, circuit breaker, wirings, transformer, switch, PCB, relay, PLC, power supply and enclosure.
 -Supervision of hydraulic, pneumatic, pressure, running, performance and functional tests as well as electrical safety tests such as dielectric withstand test, grounding continuity test, insulation, and polarization test.
 -Experience of coating check, painting DFT check and pull-off test.
 -Check of calibration certificates for dimensional measuring equipment, pressure gauges, spectrometers, tensile, charpy and hardness testing machines, thermocouples, furnaces for pre-heating and heat treatments. Experience on laboratory tests such as HIC, SCC, G28 and Chemical Analysis.
 -Expediting activity including check of production schedule and manufacturer's production.
 -Review of manufacturer's data book, mill certificates and base material as per EN 10204 requirements.
 -Experience in welding activities such as oxy-fuel and plasma arc cutting, shielded metal arc and flux core welding on carbon steel plates and shapes, SMAW, GMAW, FCAW SIS, GS, safety practices, trade skills, read and interpret basic blueprints and weld symbols

Main Vendors Visited

Control Panels, Electrical Devices and Machines

Name of Supplier	Location
Tenova	Castellanza (VA)-IT
GMM	Gravellona Toce (VB)-IT
SAEV S.n.c. di M. Varisco & C.	Cernusco sul Naviglio (MI)-IT
Elettromeccanica Cattaneo	Magnago (MI)-IT
Technology BSA	San Marzano Oliveto (AT)-IT
Elperm	Milano (MI)-IT
ESPA	Ferrada di Moconesi (GE)-IT
Cama1	Garbagnate (LC)-IT
RS Elettrica	Cassinetta (MI)-IT
ABB SPA -Space Division	Tramezzine (CO)-IT
Euro Beta	Canelli (AT)-IT
Nuova ASP	Trezzano sul Naviglio (MI)-IT
MB Elettromeccanica	Levate (BG)-IT
Spina Group	San Giuliano (MI)-IT
Bartec	Melegnano (MI)-IT

Name of Supplier	Location
Arol	Canelli (AT)-IT
Osai A.S.	Parella (TO)-IT
EPTA	Casale Monferrato (AL)-IT
PENTA	Meda (MB)-IT
C.E.L. SRL A SOCIO UNICO	Lecco (LE)-IT
G2	Uboldo (VA)-IT
ABG Systems	Lacchiarella (MI)-IT
TENTORI ENZO & C.	Valmadrera (LC)-IT
MPM	Romentino (NO)-IT
BcodeAutomation	Como (CO)-IT
ABB Switzerland	Quartino (CH)-Swiss
SIEMENS	Milano (MI)-IT
Cortem	Milano (MI)-IT
WIKA	Arese (MI)-IT
Endress & Hasuer	Cernusco sul Naviglio (MI)-IT

Valves & Actuators

Name of Supplier	Location
Erresse	Prato Sesia (NO)-IT
RBR	Pogliano Milanese (MI)-IT
TYCO	Rescaldina (MI)-IT
VIAR Valvole	Sumirago (VA)-IT
Valvitalia	Rivanazzano Terme (PV)-IT
VIAR Meccanica	Sumirago (NO)-IT
NHION Koso	Rho (MI)-IT
Galperti	Colico(LC)-IT
Petrolvalves	Castellanza (MI)-IT
Cameron	Colico (CO)-IT
Emerson Process Management	Magnago (MI)-IT
Starline	Bergamo (BG)-IT

Name of Supplier	Location
LVF	S. Paolo d'Argon (BG)-IT
RMT	Solbiate Olona (VA)-IT
Mariani Rubinetteria	Verdellino (BG)-IT
LMV	Chiuduno (BS)-IT
Termomess	Robecchetto (VA)-IT
Italiana Collaudi	Marnate (VA)-IT
Sferova	Sulbiate (BG)-IT
Valtek	Rescaldina (MI)-IT
Perar	Rescaldina (MI)-IT
Zavero	Grignasco (NO)-IT
Della Foglia	Gorla Minore (VA)-IT
Delta Valves	Ossona (MI) - IT

Coatings & Painting

Name of Supplier	Location
Flame Spray	Roncello (MI)-IT
Praxair	Fornovo Di Taro (PR)-IT
Deltar	Peschiera Borromeo (MI)-IT
Metalvar	Gavirate (VA)-IT

Name of Supplier	Location
Uboldi	Olgiate Olona (VA)-IT
VIR Color	Rescaldina (VA)-IT
Ross Color	Legnano (BG)-IT
VIP Color	Magnago(MI)-IT

Laboratories

Name of Supplier	Location
SMT	Pozzo d'Adda (MI)-IT
Laboratorio Tosi	Legnano (MI)-IT
Lab. Polimi	Milano (MI)-IT
Metiltest	Campo dei Legionari (UD)-IT
Sidertest	Piacenza (PC)-IT

Name of Supplier	Location
Omeco	Monza (MB)-IT
Lab. Mated	Trento (TN)-IT
IRCM	Solbiate Arno (VA)-IT
Exova	Crema (CR)-IT
AQM	Provaglio d'Iseo (BS)-IT

Flanges, Forgings, Casting, Pipes and Fittings

Name of Supplier	Location
Metallurgica Siderforge	Cogollo del Cengio (VI)-IT
Forgital	Velo d'Astico (VI)-IT

Name of Supplier	Location
Valforge	Monza (MB)-IT
Forgiatura Vienna	Trento (TN)-IT

Forgiatura San Giorgio	Canegrate (MI)-IT
Forge Rossi	Arsiero (VI)-IT
Inoxfucine	Montanaso (LO)-IT
Forgia di Ospiate	Ospiate (MI)-IT
FLAG	Venezia Mestre (VE)-IT
OME	Erba (LC)-IT
Coprosider	Piacenza (PC)-IT
Inossman	Maniago (PN)-IT
Fonderie Cividale	Cividale del Friuli (UD)-IT

CVA Nicroram	Solbiate Arno (VA)-IT
Forge Nicromo	Crema (CR)-IT
Forgiatura Marcora	Provaglio d'Iseo (BS)-IT
Forgia di Bollate	Bollate (MI)-IT
Marcegaglia	Udine (UD)-IT
Bea	Solbiate Olona (VA)-IT
Tectubi	Castel San Giovanni (PC)-IT
Farem	Remanzacco (UD)-IT
Terenziani	S. Polo di Torrile (PR)-IT

Bolting

Name of Supplier	Location
Colombo Magno	Legnano (MI)-IT
BEA	Solbiate Olona (VA)-IT

Name of Supplier	Location
Press Bolt	Busto Arsizio (VA)-IT
Deltar	Turate (CO)-IT